

HI-Q

NOV 80

LAKEHEAD AMATEUR RADIO CLUB BULLETIN

MEETING NOVEMBER 13

The next regular meeting of the Club will be held at the E.M.O. building starting at 8:00 p.m. sharp. The agenda is inside.

Congratulations to two hams this month. First to Ken VE3-EFZ and his XYL who are proud parents of daughter KATE born on October 12. The second to Bill VE3-EFC and Ann who are very happy first time parents of Suzanne Louise, born October 15, 6 lb. and 15 oz.

Proud as he is, Bill is still busy in the club. He informs us that the code and theory classes will in all probability start in the new year. If you would like to help out there is still room for more instructors.

Bill is also in some kind of trouble. He has been handling the Xmas, SANTA ON 2 METERS for the past few years but this year he does not have Santa's phone number. If any one can help Bill 'get hold of Santa' he would be much happier. Santa would only be needed for a few hours. Pass along the phone number where he can get in contact with old jelly-belly and make a lot of young kids happier at Xmas time. Ho Ho to you too!

Good public relations for Amateur Radio in Thunder Bay this past week. As a result of Bob VE3-IDJ getting slow scan pictures of Saturn at his location, the local TV station paid him a visit. Bob was interviewed for a news story that appeared two days on two local channels and also on AM and FM radio news casts. Bob mentioned the words 'AMATEUR RADIO' about 14 times so there could be no mistake who is getting the pictures. Look for an article in the November issue of LAKEHEAD LIVING. Nice work Bob.

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Lots of activity this month. Bill VE3-XJ poured about 14 yards of cement for his tower supports, and some other stuff. Apartment blocks are built with less. Ron VE3-KRJ has a new TS-830 and new tower soon.

FLASH FLASH FLASH.....from ARRL Bulletin NR 112, October 29, 1980

ATTENTION CANADIAN AMATEURS. EFFECTIVE IMMEDIATELY DUTY HAS BEEN REMOVED ON AMATEUR EQUIPMENT AS FOLLOWS, TRANSMITTERS RECEIVERS, TRANCEIVERS, TRANSVERTERS ASSEMBLED OR IN KIT FORM. THIS ALSO INCLUDES LINEAR AMPLIFIERS, VFOS AND POWER SUPPLIES DESIGNED FOR USE WITH THE ABOVE EQUIPMENT. FEDERAL TAX IS STILL IN EFFECT. THIS REFERS TO TARIFF ITEM 445342 IN THE BUDGET OF OCTOBER 28.

HI - Q November 1980

AGENDA FOR NOVEMBER 13, 1980 MEETING.

- 1). Minutes of October meeting as per HI-Q.
- 2). Financial Report.
- 3). Correspondence
- 4). Committee reports:
Thunder Bay awards update Membership Committee
Social Committee Club Station Manager.
- 5). Business arising from the minutes.
- 6). Old Business:
Discussion of proposed constitution and motion to accept
Selection of emergency Coordinator.
Christmas message program - Bob JAB
Noth western Ontario Net - Bob JAB
Amateur radio classes update.
- 7). New Business:
Club special project
- 8). Round table
- 9). Demonstration of the modern electronic calculator by ED - KRP.
- 10) Door prizes!!!
- 11) Adjournment.

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DISCOUNT DISCOUNT DISCOUNT DISCOUNT DISCOUNT

Your club executive has arranged with two local electronic dealers a discount to club MEMBERS for the purchase of various types of electronic parts.

THUNDER BAY COLOUR TELEVISION , on Victoria Ave will give CLUB MEMBERS excellent discounts on the purchase of TV and radio tubes and other parts. They stock a good selection of IC components for you builders. THUNDER BAY COLOUR TELEVISION have also supplied some of the door prizes for the monthly meeting. Why not save money and support your local dealer!.

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Thanks also th C & F ELECTRONICS on Algoma for their donation of door prizes for club meetings. They also offer a discount on numerous electronic components.

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MINUTES OF OCTOBER 9,-1980 GENERAL MEETING

Minutes of the September meeting were not available as the tape got erased accidentally. My mistake...sorry. Luckily however not much business was undertaken at the September meeting. The election of officers consumed a large part of the meeting. Those results were in last months HI-Q.

A financial report for September to October 1980 was given with \$434.20 in the account and \$119.00 on hand. With the flood of members paying dues before and after the meeting the cash on hand increased immensely. The financial report was accepted.

It was stated by Bob VE3-IDJ that no correspondence was undertaken so it was passed.

Dianne VE3-JAW gave her report on the Thunder Bay Awards. She suggested that now would be a good time to design a completely new award or to just alter the present white on black to black on white. She requests members to voice their opinions on the design soon. Not many awards are left and new ones will have to be printed soon.

Bob VE3-IDJ asked Vic VE3-JAR to give his report on the social committee. Bill VE3-EFC and Vic suggested that more social events be organized such as baseball games, fishing trips, camping trips, etc. Things that do not necessarily pertain to amateur radio. These events would bring families together instead of just the individual hams. Vic asks the membership to contact him if they have any suggestions.

Bob VE3-IDJ asked Vic VE3-ECV to give his report on the club station VE3-FW. Vic asked for suggestions on putting up the clubs TA-33 JR. and also the manpower for putting it up. Nothing else said.

The president asked Ed VE3-KRP for a report on membership. Ed stated that a complimentary issue of HI-Q should be sent out to licenced non-members in the hopes of stimulating memberships.

The members were asked for any comments on the new constitution as published in the last issue of HI-Q. Any comments should be sent in writing to Bob VE3-JAB, Jim VE3-KRD or Bob VE3-IDJ.

Bob VE3-IDJ asked for volunteers as emergency co-ordinator, but no one was interested. Training would be supplied.

Volunteers were needed for the October 18 and 19 Boy Scout Jamboree and Bob VE3-JAB, Ron VE3-KRJ and Gary VE3-HJS were available. They will take a few boyscouts into their ham shacks at different times so that they may talk to other scouts around the world.

Assistance is needed to help the white caners fix their antennas. Responce was poor but later in the meeting Arnold VE3-JAA said he will try to arrange something.

Volunteers were needed for the Christmas messages and Bob VE3-JAB will be in charge.

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Bob VE3-IDJ requested volunteers as amateur radio instructors. Bill VE3-EFC stated that he would be one of a few more could be found. Good luck Bill.

Membership was told that if they have any business to send it by mail or contact the executive before publication of Hi-Q and it will be placed on the agenda for the next regular meeting. The purpose for this is to make the business portion of the meetings as short as possible in order to make time for special events after the meeting.

Meeting adjourned.

....Glen Anderson VE3-JAU
Secretary/treasurer

FINANCIAL REPORT
For October to November 1980

October 11 balance as September 26 bank statement	\$422.20
October 14 dues paid in credit of \$281.00	\$703.20
October 14 Thunder Bay awards credit \$3.00	\$706.20
October 27 dues paid in credit of \$30.00	\$736.20

BALANCE AS FOR OCTOBER 28, 1980.....\$736.20

.....Glen VE3-JAU

The membership dues for this year are due as of the September meeting. They can be paid to the treasurer Glen VE3-JAU at any of the regular meeting or send them to the club. The fee is \$10.00 to box 2671 Thunder B y.

Lakehead Amateur Radio Club History Project

NOVEMBER HI*Q

SILENT KEY VE3-AHC .. 3B0

This past summer saw the death of Duke Coutanche, VE3-AHC and 3B0. Although Duke was not continually active in amateur radio throughout his lifetime, he personally exemplified some of those qualities we reserve in amateur operating - courtesy, respect and consideration being a few.

Born in Gibraltar January 17, 1909, Duke soon moved to the Channel Island of Jersey. After moving to Canada, he was first licensed on November 18, 1927 by the old Department of Marine and Fisheries, Amateur Certificate No. 791. His station in Toronto was licensed as 3B0, using a 'T' antenna.

Duke held a Second Class Certificate of Proficiency in Radio, which he used as an operator with the Ontario Department of Lands and Forests, at Woman Lake and Sioux Lookout. In the late 1930's he switched to the Marine and Fisheries (later to become the Department of Transport), working at the Rivers, Manitoba monitoring station. Duke moved with the station to Winnipeg where, during the years of World War II, he and a large staff under him worked round the clock intercepting enemy transmissions.

In 1958 the monitoring station and Duke were again moved, this time to a site near Murillo (next to present location of VE3-HFS) where noise levels were very low and reception of signals above average. He was still Officer-in-Charge at the time of his retirement in 1972. It was at that time that Duke renewed his interest in Amateur Radio, being re-licensed as VE3-AHC. Up until his death, he kept in daily contact on 40 and 20 CW with former friends and workers in the DOT.

Thanks go out to Larry Nelson, VE7-CP, and Ed Davy VE3-CX, who contributed much material for this biographical sketch of a former amateur operator who was, in their words "...an excellent operator and a perfect gentleman in every way".

DUKE COUTANCHE VE3-AHC 3B0

submitted by Dave VE3-AVS

NOVEMBER 1980 HI - Q

THE PREZ SEZ THE PREZ SEZ

On behalf of the executive I would like to thank everyone who attended the October meeting. The large turnout is an encouragement to your club exec. It is our intention as mentioned at the last meeting, to only have brief business sessions at the club meeting and then get on with the round table and the special presentation, which will hopefully be of interest to all club members.

I would encourage ALL members to attend the monthly meeting. PARTICIPATE in the discussion, bring YOUR ideas to the executive, and help out in the various club activities. After all it is YOUR club.

Is your hobby worth 90 minutes per month????

Ed, VE3KRP, at the request of the exec. will give a demonstration and inside view of the "one armed bandit", the modern electronic cash register, at the November meeting. Plan to attend, bring a friend, Amateur or not, all are welcome. Maybe call a club member who normally doesn't attend meetings and offer a ride or at least an invitation. Lets fill the building!!!

We would like to have a motion to accept the new constitution as printed in the October issue of HI - Q. We will open the meeting for a brief discussion on the subject prior to voting.

At this point I would like to thank the committee Jim, KRD and Bob JAB in drafting up this version of the constitution, looks like a job well done.

The CLUB still requires an EMERGENCY CO ORDINATOR and a volunteer would sure take the pressure of the shoulders of the executive. HOW ABOUT YOU???

See yu at the meting thursday,

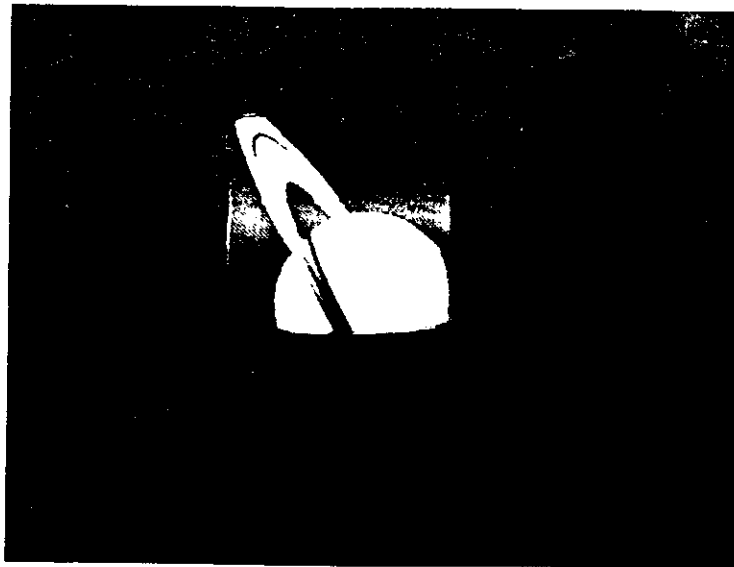
73, BOB VE3IDJ

Your club publicity committee have been at work this week (Nov5/80)
The intent of ANY AND ALL publicity is for the benefit of AMATEUR RADIO and not for individuals, although one doesn't mind that HI.

Look for additional news coverage of the SATURN and SSTV combination in Lakehead Living sometime after the 12, november and also the Finnish newspaper.

Any item of interest to the public should be passed to Mike - HZW or Bob -IDJ.

Gary VE3-HJS has a set of twins, (that was fast) as is calling them both 'Drake'. Vlad VE3-KRV has an Atlas 210X and matching console. VE3-KRZ has his Hy Gain vertical set up in the back yard. VE3-EPA has an 11 element beam for 2 meters. Tom VE3-EWW is looking for some 'class' ham gear. Mike VE3-ZG is heard on HF running 'QRP'. Vic VE3-JAR has a monobander up now. Didn't take long for some locals to spot EL2-AM and TU2-JJ, 5 locals worked them.



ENCOUNTER WITH THE PLANET SATURN by Bob VE3IDJ

With the cooperation of the Jet Propulsion Laboratory, Pasadena California and the JPL Amateur Radio Club, hams equipped for Slow Scan TV are able to view live and recorded pictures transmitted from the Voyager spacecraft. The above picture, retransmitted by W6VIO (Voyager in orbit) the JPL special event station, shows the rings of Saturn and the shadow cast on the planet by the rings. This picture was taken a few weeks ago at approx. 30 million miles distance from the planet. The original picture data has been computer enhanced to improve the detail, and enlarged to show the shadow effect.

One way radio time on November 2 at a distance of 9 million miles from Saturn, was 85 minutes. (radio waves travel at 186000 miles/sec remember!) W6VIO will be operating on 14230, 21340 and 28680 daily around 0030Z. Commemorative QSL cards are available for any mode 2-way contact from November 1 through 17. November 12 will see pictures of the moon Titan at a close pass of 2500 miles. The live satellite pictures are retransmitted via SSTV daily on the above frequencies, including selected computer enhanced video

All pictures have been stored on tape for possible playback at a future club meeting.

Bob VE3IDJ

LARC

NOVEMBER HI-Q

CHILE ON A HOT DAYFRANK VE3-AJ

My travels as a wireless operator have taken me to a few strange places somewhat off the beaten track. This time it was Chile, on the west coast of South America. My knowledge of this part of the world up to this time was limited to knowing that Peru and Chile existed somewhere down that way. This was my first trip on salt water and it took me from New York to California where we loaded bunker oil for the Chilean railroad. The first leg of the journey from San Pedro (port of Los Angeles) to Iquique Chile, (that name is pronounced I-kee-kee) was 5100 miles with a look at the Galapagos Islands on the way. This place is one of the many small ports on this coast from which they ship one of the countrys chief export, nitrates for fertilizer. Iquique is a town of about 30,000 population and hasn't changed in thirty years according to one of our AB's (able seaman). One of the first things I noticed was the lack of harbours for shipping. Almost all ports are open "roadsteads". Ships tie up to sea buoys or anchors and unload cargoes into lighters. Tankers discharge oil cargoes into under-water hose lines. This is because of the heavy seas or swells which roll in from the 3000 miles of Pacific Ocean to the west and prevent ships from tying up at a dock.

But we had a change of orders and went to Caleta Buena a short distance up the coast. Here the land went up steeply from the beach at an angle of about 35 degrees. Three of the engineers and myself decided to go to the top. It was a very hot day and as usual on this coast it was also very dry. We went up the path, like goats, in a zig zag fashion. At the top we found a dirt road with small wooden houses on each side. After a second look we see a man approaching. By the look on his face he is a happy man. And why not - he is carrying a jug of wine.

In my best (Hugoes Simplified) Spanish I said "buenos dias amigo". Even in his condition he read me perfectly. He raised the jug and said "Saludar". So we all had a 'wee taste'. Another amigo appeared on the scene who had some smattering of english and it was just like old home week. Close by was the home of the amigo who could "hable" the English. It turned out that he had been in the Chilean Navy and had spent some time in Liverpool waiting to pick up an addition to the Chilean Navy.

We were surprized to find an old Edison cylinder type phonograph still in use and listened to the HI FI from the tin horn. After a short chat and the jug being empty we went for a walk and found some more amigos playing soccer. Everybody in South America plays soccer and my Scotch friends were soon displaying some fancy foot work which was assisted in no small way by the recent elbow bending.

Our original amigo with the jug had now faded out and it was beginning to get dark. We still had to find our way back. We could not find the path which had brought us up. Instead we found railroad tracks heading strait down into the nitrate storage sheds at the bottom.

.....more

.....CHILE

It was evident from the steel cable in the centre of the tracks that the nitrate was lowered down to the sheds in gravity operated cars. We had enough trouble trying to walk straight down the 35 degree angle without assistance of gravity. We made a rapid descent and soon found ourselves in total darkness in a large shed. So we called to each other as we spread out and searched for an exit. Suddenly there was a lot of excited shouting in profane Spanish and a man appeared with a lantern. When he found we were talking English he calmed down. He explained that he did not have visitors in the middle of the night as a rule and that he was worried that some one might start a fire. The nitrates being highly combustible material. And so ended our tour of Caleta Buena South America.

.....Frank VE3-AJ

FOR SALE FOR SALE FOR SALE

A DX-40 transmitter, in excellent operating condition, complete with crystals and VFO and a field strength meter. Clean and well built, good 75 watt CW rig for 80 through 10 meters. Must be seen to be appreciated. Phone Dave VE3-AVS at 344-8949.

FOR SALE FOR SALE FOR SALE

A MULTI 7,2 meter transceiver with all usual crystals
 A Heath Micorder II microphone (with auto patch, touch tone)
 One 40 watt 2 meter amplifier
 An Icom IC-215 2 meter portable transceiver
 One Heathkit oscilloscope Model IO-4560
 A KW-2000A transceiver (needs a bit of work)
 A Heath Seneca VH-1 transmitter 50-54 mhz and 144-148.3 mhz.
 If interested call Arnold at 344-8363.

FOR SALE FOR SALE FOR SALE

One Hy-Gain tribander antenna model TH-3 jr. Still in the original carton as it has never been used. A great deal just before the snow flies. This should go quick so call Bert Lambert VE3-BKY. Asking \$190.00

LOOKING LOOKING LOOKING

We are always looking for something to put into the monthly issue of HI-Q. Deadline for submission is 10 days prior to the monthly meeting. Or you can give the editor a break and make it at least 12 or 13 days. Call 577-5006. An operator on duty most times. Don't worry about calling late, I usually watch the 'Tomorrow Show'.

LAST MINUTE FOR SALE..... Heath SB-300 receiver, in good shape and working perfectly. Call Gary 767-6550 nites or 344-9685 EXT 227 days. (IT MIGHT BE SOLD BY NOW)